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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/606,346

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Craig Richard Watkins

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EXAMINER

ARMOUCHE, HADI S

ART UNIT

PAPER NUMBER

2132

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DELIVERY MODE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/606,346	Applicant(s) WATKINS ET AL.	
	Examiner HADI ARMOUCHE	Art Unit 2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 May 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-49 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-49 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is in response to amendment under 37 CFR 1.111, filed on 5/7/2008. Claims 1-3, 5-6, 8-22, 26-30, 32-33, 35-41, 44-47 have been amended, claim 49 has been added. Claims 1-49 remain pending.
2. Examiner noted that claims 21 and 44 are labeled "Currently Amended" and are indicated in the applicant's remark (page 2) as amended, however the applicant is reminded with 37 CFR 1.121(c) (2) that requires the text to be underlined (if added) and strike-through (if deleted).

Response to Arguments

3. Applicant's arguments filed May 7th, 2008 have been fully considered but they are not persuasive. Applicant argues (page 19 of the remarks) that Shaw fails to disclose or suggest at least the feature of "a proxy device for receiving a request for network services by at least one remote network device and performing a security integrity scanning operation on the requesting remote network device, wherein the scan is performed at least before the remote device signs on to the gateway device". The examiner respectfully disagrees. Shaw discloses throughout the specification various embodiments that allow the client to connect to the network via proxy device such as scanning for viruses *before or after* logging in. In one embodiment, Shaw teaches in fig 5, col 4 lines 50-64 and fig 7 col 6 lines 33-47 that the client has an agent and in another embodiment has its own virus scanner that scans before the device/client connects to the proxy device. Also claim 18 (for example) scans the client attempting to

connect to a network (before signing on to the proxy) and denying access to the network if the scan fails.

Claim Rejections - 35 USC § 102

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

4. Claims 1-5, 8-15, 19, 21, 22-26, 29, 31, 32, 34, 35-38, 42-44, 46 and 48-49 are rejected under 35 U.S.C. 102(e) as being anticipated by Shaw, U.S. Patent No. 7,058,970.

5. As per claims 1, 10-11 and 49:

Shaw discloses an apparatus comprising:

a proxy configured to receive a request for network services by at least one remote network device and to perform a security integrity scanning operation on the requesting remote network device, wherein the security scanning operation is performed at least before the remote network device signs on to the proxy (fig 5, col 4 lines 50-64 and fig 7 col 6 lines 33-47); and an authorization processing unit and access control rules unit configured to determine if the remote network device is authorized to access the requested network services based on the results of the security scanning operation (col 4 lines 50-64 and fig 7 col 6 lines 33-61).

6. As per claims 2, 12, 23 and 36:

Shaw discloses a proxy device making integrity security decisions regarding access to network services by a remote network device on a request-by-request basis (6:48-61).

7. As per claims 3, 13, 24, 37 and 42

Shaw discloses an access rules controller that includes a plurality of variables used to generate a set of security properties for each remote network device (6:1-9, 8:19-30).

8. As per claims 4, 14, 25 and 43:

Shaw discloses a set of security properties that may be different for each remote network device that accesses and requests service through the network (7:42-8:30).

9. As per claims 5, 15, 26 and 39:

Shaw discloses a device that uses at least one script to select of the type of scanning operations to be performed for each remote network device accessing the network (6:62-7:15).

10. As per claims 8, 19, 29, 31, 32, 38, 44 and 46:

Shaw discloses the authorization processor referring to a series of variable values in the access control rule unit to determine if a remote network device is authorized to access the requested network service (6:1-61).

11. As per claim 9:

Shaw discloses a system comprising:

at least one remote network device configured to access a network via a network connection to make a request for one or more network resident services; a gateway configured to receive the request for services and perform a security integrity scanning operation on the remote network device prior to allowing access to the requested network services (2:62-3:12), wherein the security scanning operation is performed at

least before the remote network device signs on to the gateway device (fig 5, col 4 lines 50-64 and fig 7 col 6 lines 33-47); an authentication server that verifies user authentication credentials of users of remote network devices that access the network; and at least one network server that provides requested network services to at least one remote network device accessing the network through the gateway device (6:48-7:15).

12. As per claims 21, 34, 48:

Shaw discloses an apparatus wherein the remote network device is a personal computer (abstract).

13. As per claim 22:

Shaw discloses a method comprising:

performing scanning process and reporting result used in scanning script includes at least one variable defined to be used as a vehicle to convey results of a scanning process, performing at least one scanning operation on the remote network device to verify the security integrity of the remote device, wherein the scanning operation is performed at least before the remote device signs on to a gateway device which is configured to perform the at last one scanning operation (fig 5, col 4 lines 50-64 and fig 7 col 6 lines 33-47); and providing the results of the scanning operation for purposes of determining whether or not the remote network device is authorized to access the requested network services (4:50-5:3, 6:48-51).

14. As per clam 35:

Shaw discloses a method comprising the steps of:

defining at least one access control policy for accessing network services wherein the access control policy depends, at least in part, on the results of an integrity scan performed on a remote network device; specifying what scan scripts are to be used under what conditions to the remote network device; receiving at least one result of an integrity scan from the remote network device at a gateway device, wherein the integrity scan is performed at least before the remote device signs on to the gateway device (fig 5, col 4 lines 50-64 and fig 7 col 6 lines 33-47); and regulating access by the remote network device to network services via the gateway device based, at least in part, on the results of the integrity scan (6:48-61, 7:42-8:30).

Claim Rejections - 35 USC § 103

15. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

16. Claims 6, 7, 16, 17, 18, 27, 28, 30, 40, 41 and 45 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaw in view of Ji et al. (Ji), U.S. Patent No. 6,728,886.

17. As per claims 6, 7, 16, 17, 27, 28, 40 and 41:

Shaw fails to teach a signed applet, executing the script, allowed to access the remote network device for the purposes of executing programs as well as searching and reading specific data files that reside on the remote network device. However, Ji discloses a method wherein a signed Java applet is used to execute scripts in a similar endeavor (6:22-45, 7:33-34).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to utilize a signed java applet in order to ensure the integrity of the computer creating a local virus scanning engine on the remote host computer which would make the entire system more secure and prevent the spread of viruses.

18. Claims 6, 7, 16, 17, 18, 27, 28, 30, 40, 41 and 45 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaw in view of Hiltgen, U.S. PG-PUB 2003/0177392.

19. As per claims 18, 30, 45:

Shaw fails to teach the use of SSL to protect data communicated between the remote device and the gateway device.

20. As per claims 20, 33, 47:

Shaw fails to teach networks used for establishing communication between said remote device and said gateway using WAP.

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to utilize SSL and WAP in order to improve security of communications and to allow for communications to occur over a wireless network allowing for more flexibility and portability.

Conclusion

21. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

22. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **HADI ARMOUCHE** whose telephone number is (571)270-3618. The examiner can normally be reached on M-Th 7:30-5:00 and Fridays half day.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571) 272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. A./
HADI ARMOUCHE
Examiner, Art Unit 2132

/Gilberto Barron Jr/
Supervisory Patent Examiner, Art Unit 2132